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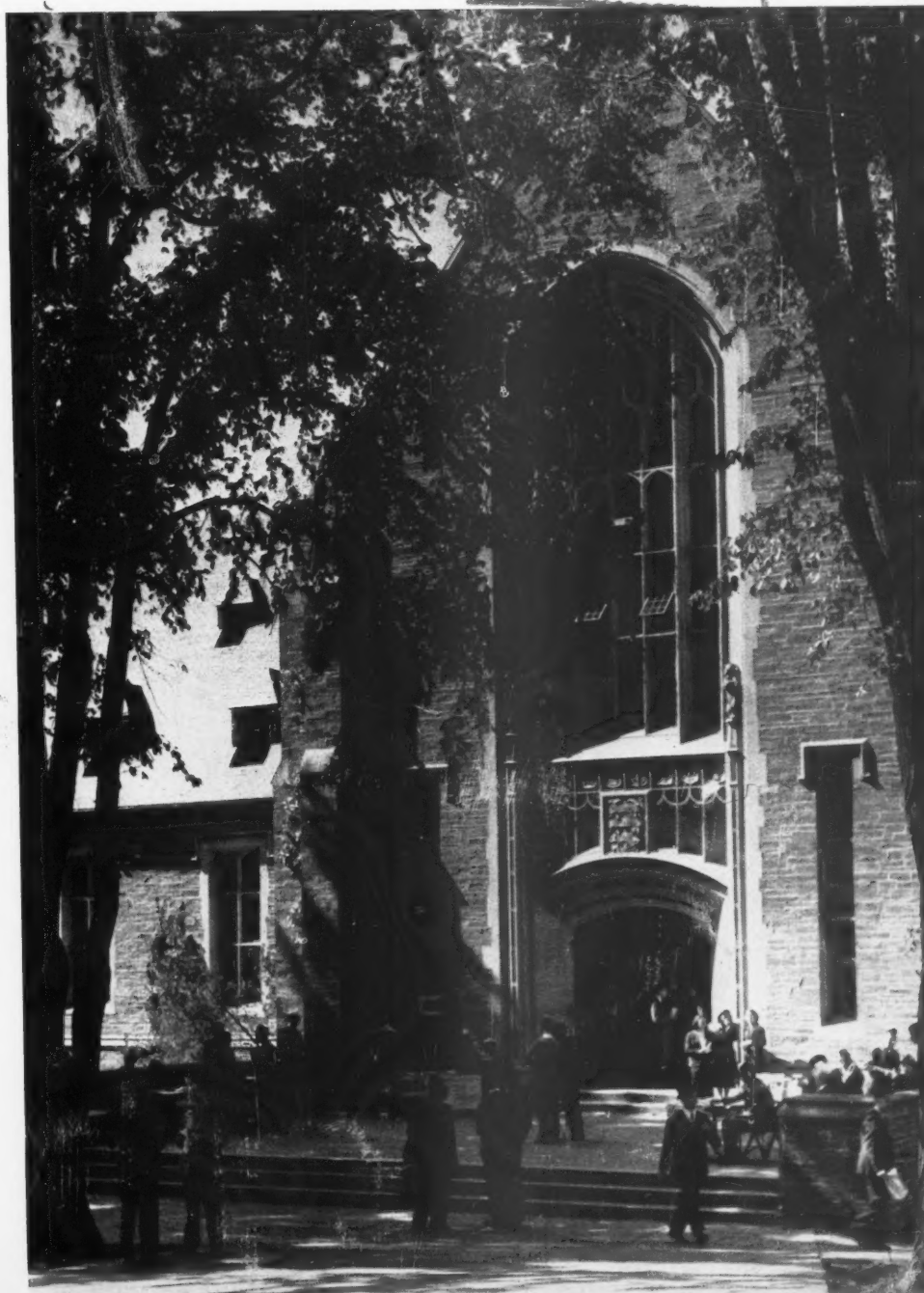
# **The Cornell Countryman**

Vol. XLV, Oct. 1947, No. 1

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# *Campus to* GENERAL ELECTRIC

## APPLICATION ENGINEER

War took a six-year cut out of Frank Lewis' career plans. He's making a new start with G.E.

Struggling to become airborne in the teeth of an Aleutian gale, the B-25 in which Frank Lewis was serving as co-pilot spun down into a fiery crash. Frank took the long way home. Badly burned about the face and shoulders, he spent two years in Army hospitals.

When he came back to work at General Electric this spring he had been away exactly six years. He had forgotten a lot, changed a lot since the days when, fresh out of the State College of Washington, he had worked on "Test" with G.E.

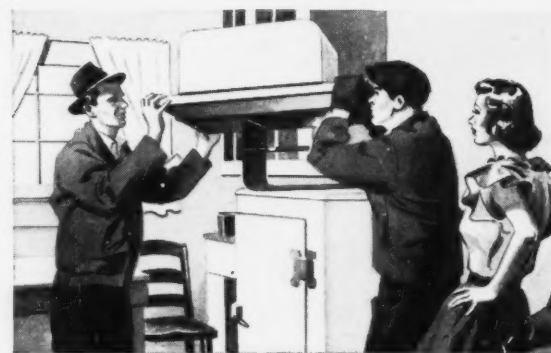
He took naturally, therefore, to the G-E Rotating Engineering Plan—especially set up to give the veteran a period of familiarization and general orientation.

"The idea worked fine," Frank says. "Any department I was interested in was ready to open its doors for me so I could come in and look it over. When I found a groove that suited me, that's where I would stick."

Frank stayed in the orientation program from March till August, considering what type of engineering assignments most interested him and best suited his abilities. For his actual work during this period he went back to something familiar—industrial control. He had worked in control before the war—had, in fact, become head of the Control Test group. Now, in the circuit development laboratory of the Control Divisions, he renewed old memories.

He decided he wanted to be an application engineer. His work proved he was capable of it. On August 1, Frank Lewis took over a desk in G.E.'s big, brick office building in Schenectady and drew the first important assignment of his new career.

For your copy of "Careers in the Electrical Industry," write to Department 237-6, General Electric Company, Schenectady, N. Y.



To help pay his way through college, Frank worked summers installing G-E refrigerators in Spokane, Washington. He graduated in electrical engineering in 1939.



Critically injured in a plane crash, Frank spent two years in Army hospitals. He's now back with G.E., shaping up a career as an application engineer.

GENERAL  ELECTRIC

✓ AGE

✓ BREED

✓ SEASON

✓ LEVEL OF  
EGG PRODUCTION

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**SEVENTEEN THOUSAND DOLLARS** from 50 acres of single cross hybrid seed corn! That was one of the accomplishments last year of Champion Farmer John J. Gannon and his father, William P. Gannon, on their 785-acre farm near Valeria, Iowa. Hog sales totalled over 400 head. In a recent month, 16 purebred Guernsey cows, three of them dry, returned \$504.78 over feed costs. Seventy head of purebred Aberdeen-Angus cows, and their calves, provide a profitable outlet for roughage. So does a flock of sheep. The Gannons bale 7000 bales of hay annually. Careful pasture management, manure and commercial fertilizers, and a soil conservation program keep the farm highly productive. For economy and efficiency in operating their farm equipment, Champion Farmer Gannon has found it pays to depend on Firestone tires. When he and his father buy new tractors, they specify Firestone Champion Ground Grips. In the photograph, Sheila Ann Gannon with her grandfather, William P. Gannon, and her father, Champion Farmer John J. Gannon.

For more information about Champion Farmer John J. Gannon, write to The Firestone Tire & Rubber Company, Akron, Ohio

## Champion Farmers Specify **Firestone** **CHAMPION GROUND GRIPS**

**T**O GET extra pulling power . . . longer tire life . . . and smoother riding, Champion Farmer John J. Gannon and his father specified Firestone Champion Ground Grips for their new tractor.

Tests show that Firestone Champion Ground Grips clean up to 100% more effectively, pull up to 62% more, last up to 91% longer, and roll smoother over highways than any other tractor tires . . . important facts to cost-conscious farmers.

Only Firestone Champion Ground Grips are made with connected curved traction bars. These bars clean with a plowlike action . . . giving the Champions more pulling power. Extra tread rubber in the bar connections gives them a "Center Bite" in the heart of the traction zone. This, too, means more pulling power. The extra rubber in the connected tread increases tire strength . . . lengthens tire life . . . money-saving points you can't overlook when you buy new tractor tires. So when you buy . . . buy the best . . . buy Firestone Champion Ground Grips.



*Only* **FIRESTONE CHAMPION Ground Grips take a "CENTER BITE"**

ANY OTHER TRACTOR TIRE



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OUR COVER PICTURE is of the main entrance of Willard Straight Hall where the elite, the hungry, those with a dead hour, and most of the rest of the students meet to eat, play bridge, talk or just relax. The Straight is where Cornell hangs out.

## The Cornell Countryman

Founded 1903      Incorporated 1940  
Member of Agricultural College Magazines, Associated

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## Up To Us

Dear Brand-New Freshman,

You're a Cornellian now—one of about five hundred new ones on our Ag campus. All of us who are returning for another year at Cornell welcome all of you who are seeing our University and our colleges for the first time. We hope you will come to love them as we do.

Many persons — at home, here, and just about everywhere—have told you, and will continue to tell you, what a “wonderful opportunity” you have in being able to come to college, especially our Colleges of Home Economics and Agriculture. Even if it has come to sound like a refrain on a broken record, it's true. You, and all of the rest of us, have the chance to learn more, to do more and to be more than many others.

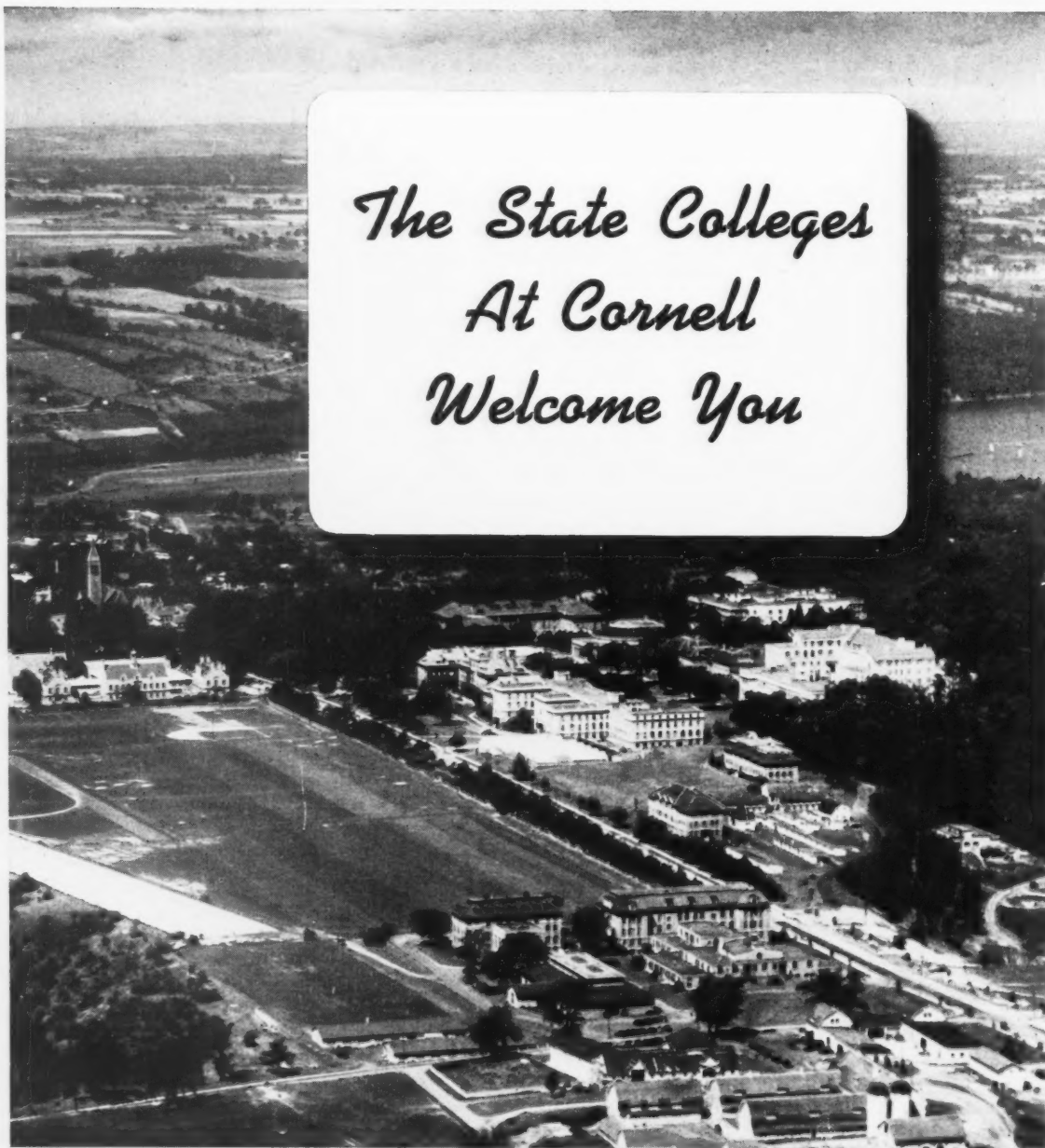
Our years at Cornell can be a time of study. We can seclude ourselves with texts and note books every available minute. We can be too busy to go to that open house, or to the corridor party. And for four years we can scurry from class to class without meeting a friend to whom we can say hello.

Or we can go to the other extreme. We can be so busy being friendly that we hardly ever have an evening to spare our books, and we can meet so many friends to whom we must say so much that we don't quite make the class.

We can set ourselves the goal of being as well-known at Cornell as we were in our own high school. We can sign up for as many activities as we find. We can have our name in all the publications until it has become a synonym for BMOH.

The other way, the one our counsellors will try many times to convince us is the best, is to be a little of each. We can balance our activities and leave Cornell at the end of four years with a degree, friends and valuable experience.

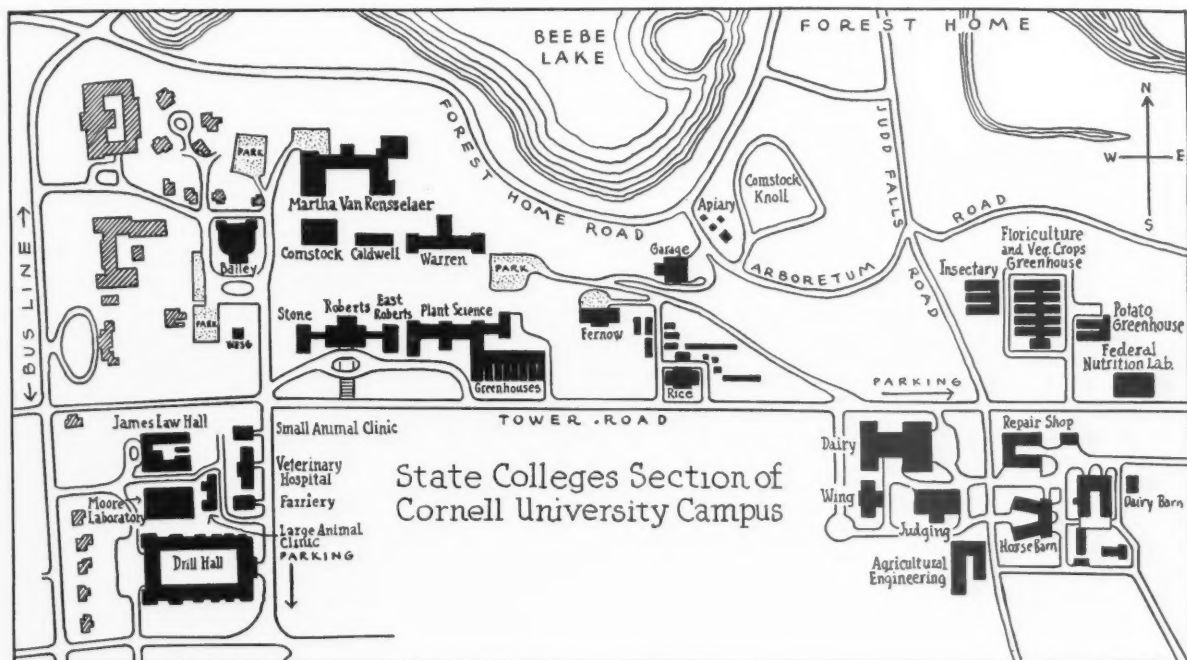
We're here. We were accepted. *We have the possibilities.* What we make of them—grind, social lion, all-out big wheel, the start on our first million, or a well-balanced, educated adults (All are possible: all have been done)—is *up to us.*



*The State Colleges  
At Cornell  
Welcome You*

**C**ORNELL University was founded on the Land Grant Act of 1862, the main objective of which was "to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." As a part of this great university the State Colleges, Schools and Experiment Stations, prominently pictured in the above aerial view, were established to serve the people of New York through teaching, research, and extension. The four State Colleges and Schools at Cornell are the College of Agriculture, the College of Home Economics, the Veterinary College, and the School of Industrial and Labor Relations. The Stations are the Cornell University Agricultural Experiment Station, at Ithaca and the New York State Agricultural Experiment Station, at Geneva.

# Here Is Our Campus . . .



Here is our campus, flat on a map, with all the hills ironed out. We are looking at it from the Tower Road side. Ezra Cornell's cow pasture has changed a lot since the Governor of New York State signed the Charter for Cornell University on April 27, 1865.

Founded under the Morrill Act of 1862, Cornell was planned to be a university teaching the agricultural and mechanical arts, and the humanities and sciences as well. Although the teaching of agriculture was intended to be an integral part of the University, at first it received little attention and corresponding space.

When the first Director of the College of Agriculture, Isaac Phillips Roberts, came to Cornell in 1874 the buildings on our Ag Campus consisted of a large barn which "... never ceased to be a monstrosity ..." and burned down around 1890, a small dilapidated farm house and several other barns located near the rest of the University's buildings.

Roberts, for whom Roberts Hall is named, did much to start the New York State College of Agriculture on its way to becoming the recognized institution it is today. It was under his influence that the first additions were made to the "... less than one hundred acres of arable land ..." allotted to the College. From a herd in which there were "... ten milch cows that had among them only 22 milkable teats ..." and that was infected with tuberculosis, he started the work of building Cornell's purebred herds of dairy and beef cattle. The College's equine stock was an Arabian stallion, supposedly worth fifteen thousand dollars, which had been donated to the University and withdrawn from service because his colts' legs were

not long enough to carry the deformities he transmitted.

The first efforts Roberts made to increase the number of buildings on the campus were to provide living space for the people who worked here. Barns, chicken coops and other buildings were also constructed, but they have since made way for the more modern structures that house the Colleges of Home Economics and Agriculture.

Roberts Hall, Stone Hall and East Roberts, first occupied in June 1907, are the oldest of the buildings now in use. The next to follow them were two large barns, a greenhouse range, Fernow, Rice, Caldwell and Wing Halls, the Judging Pavilion and several other small buildings.

The Dairy Building (now Stocking Hall) was first used in the fall of 1923 and in the spring term of 1930-31 Plant Science was occupied. The Departments of Agricultural Economics and Rural Sociology moved into Warren Hall in 1933 and in 1935 Martha Van Rensselaer Hall was completed, making it possible for the College of Home Economics to vacate Comstock Hall, and for the Department of Entomology to move in.

Additional construction for the Colleges was halted by the war, but plans for even more buildings were made. This fall the new nutrition building, Savage Hall, will be opened.

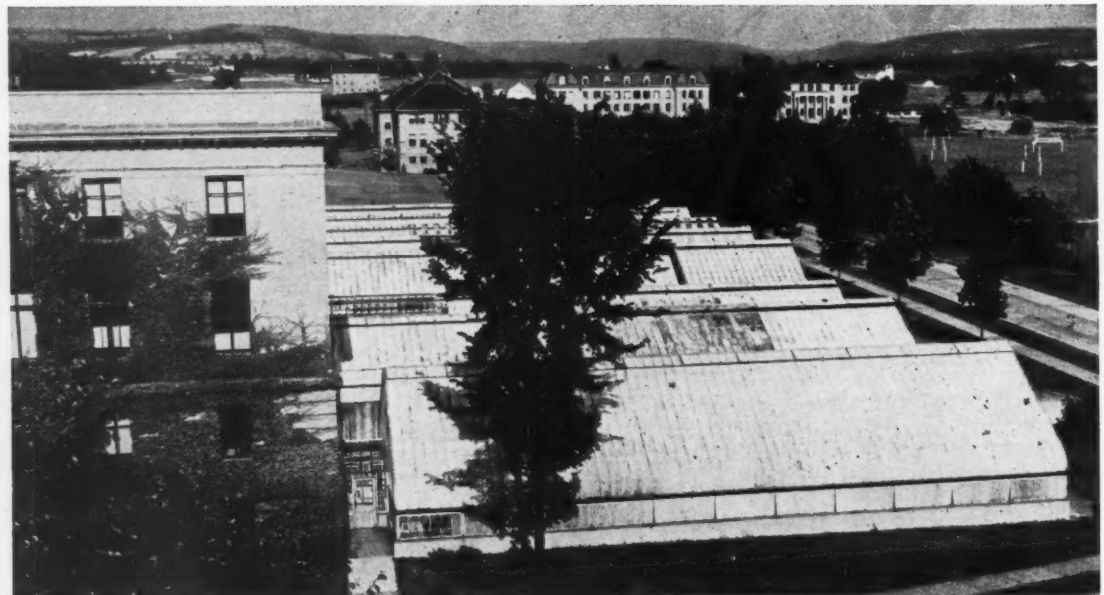
The next proposed structures are a new ag library for the east end of the quadrangle, a conference building to be erected in the gardens next to the WHCU broadcasting station and an Agricultural Engineering building near Wing Hall.





**EAST ROBERTS, ROBERTS HALL, and STONE HALL**, taken from Tower Road, were the first erected of the present group of buildings on the ag campus. Roberts Hall, the heart of the college, is the home of the administration staff of the College of Agriculture, the Extension Teaching and Information department and the Cornell Countryman. Its first floor auditorium had a face-lifting this summer to make way for more offices. The auditorium is now one story higher. Stone Hall houses the ag library and the Department of Rural Education. The Veg Crops department is located in East Roberts.

## OUR AG

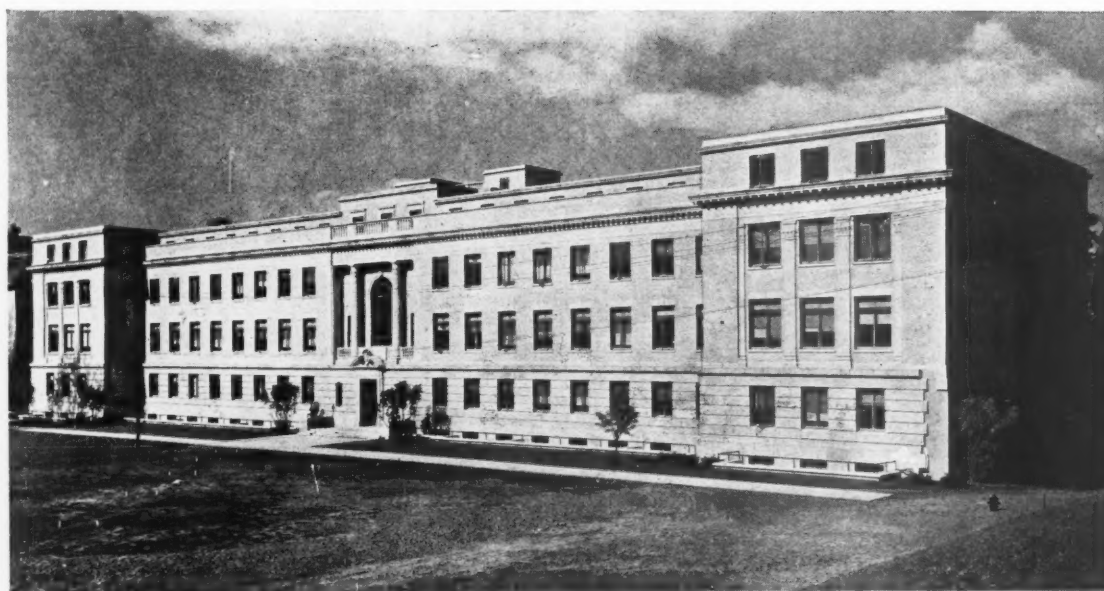


**PLANT SCIENCE**, with a view of the green houses which face on Tower Road. Courses in floriculture, plant pathology, botany, pomology, meteorology and plant breeding are taught here. In the background, from left to right, are the Federal Nutrition building, Rice Hall, Stocking Hall and Wing Hall.

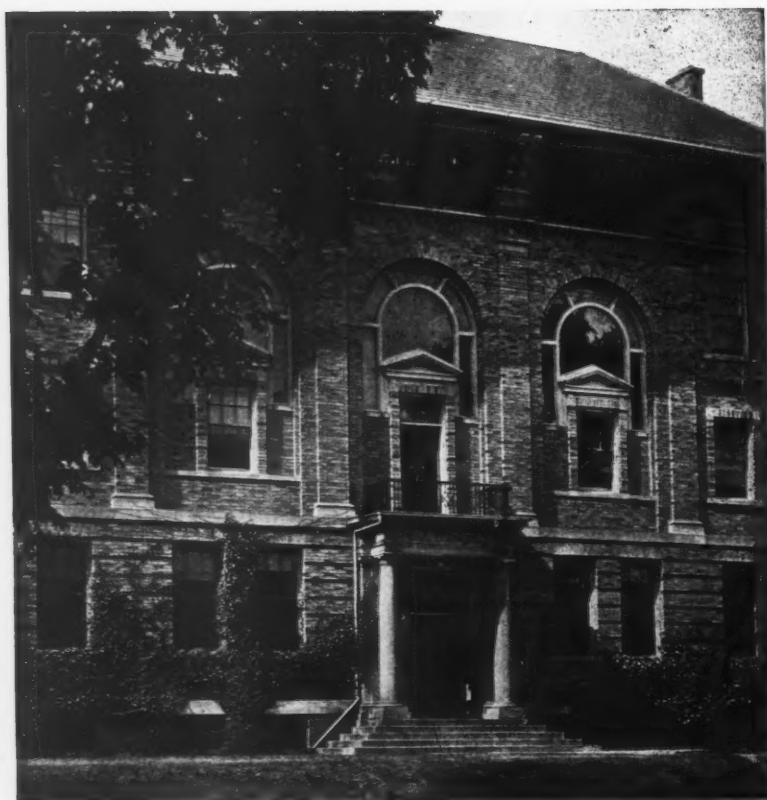


**CALDWELL HALL**, the agronomy building, was named for Professor G. C. Caldwell. One of the first members of the faculty of the New York State College of Agriculture, Dr. Caldwell taught agricultural chemistry.

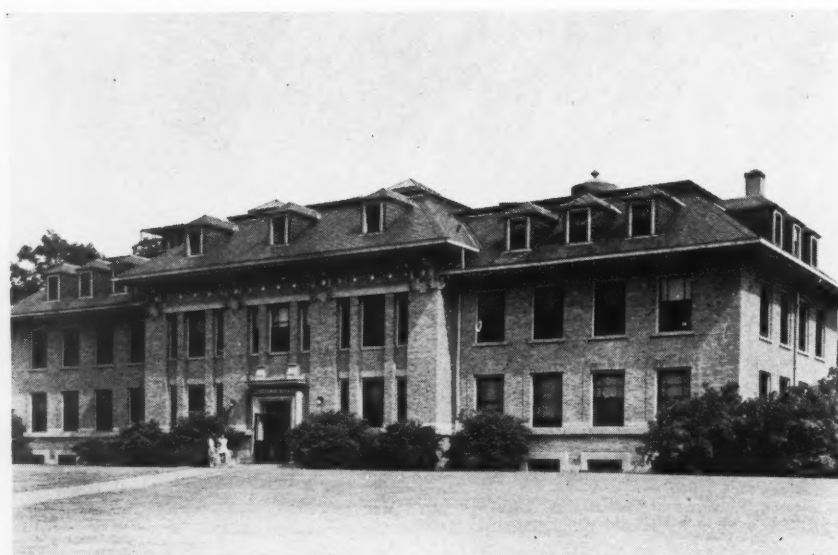
# QUAD



**WARREN HALL**, one of the newer buildings on our campus was named for Professor George F. Warren, the first editor of *The Cornell Countryman*. He was noted for his work in the field of farm management, development of the survey method of obtaining information and his theory that gold values should be varied to control prices. The Departments of Agricultural Economics and Rural Sociology are located in Warren Hall.



**COMSTOCK HALL**, named for J. H. Comstock, professor of entomology, was first occupied in 1913. In 1935 the completion of Martha Van Rensselaer Hall and the moving of the facilities of the College of Home Economics made it possible to move the Department of Entomology into Comstock.



**FERNOW HALL**, named for a former professor who was dean of the first college of forestry in the United States. The New York State College of Forestry has since been moved to Syracuse University, but courses in nature study (including wild life and forestry) are still taught here.



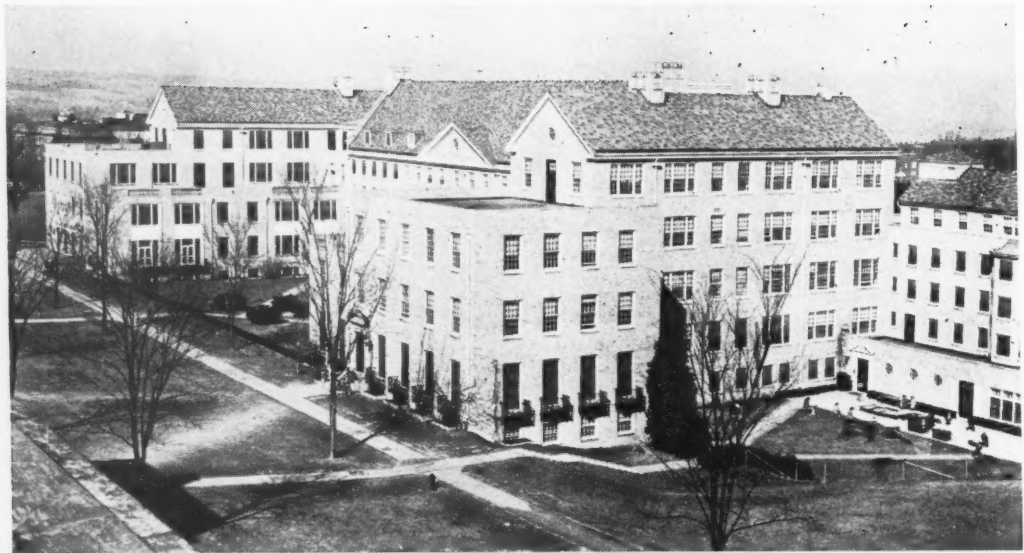
The Animal Husbandry building, **WING HALL**, named for Professor H. H. Wing, the first head of the Department of Animal Husbandry at Cornell. The Judging Pavillion is in the rear of Wing Hall.



The Dairy Industry building, renamed **STOCKING HALL** by the Board of Trustees last year, in which are located the departments of Dairy Industry, Drawing and Bacteriology. This past summer the bacteriology research labs on the third floor were seriously damaged by fire.



**RICE HALL**, named for Professor James E. Rice, the first head of Cornell's Department of Poultry Husbandry. Professor Rice was largely responsible for the founding of the department which was one of the first of its kind in the country.



**MARTHA VAN RENSSELAER HALL**, the home of the New York State College of Home Economics and the Hotel School. The home ec cafeteria and the auditorium are in the left wing. The nursery school is at the extreme right. The building was named for Martha Van Rensselaer, the first Director of the College.



**BAILEY HALL**, the University's only building specifically dedicated to auditorium space was built by the state and is administered by the College of Agriculture. It was named for Liberty Hyde Bailey, former dean of the College.

# Cornell's Housekeeper

by Matt Mirantz

Though every housewife may have her own idea of what it takes to keep her floors clean, the roof from leaking, and the lawn cut, or to plan the addition of a new sun-parlor, the Department of Buildings and Grounds, housekeeper for Cornell University, knows that it takes more than one million dollars and the combined efforts of at least three hundred people every year.

In addition to such prosaic tasks as spreading fertilizer on the University lawns, the Department engages in such peccadilloes as the planning and building of Clara Dickson Hall, Savage Hall for Nutrition, and the new Nuclear Physics Laboratory. While the people of the Department don't do the actual bricklaying, all the planning, drafting, organization and head-aching, is their private property. Headed by Hugh E. Weatherlow and represented on the campus by a force of carpenters, steamfitters, plumbers, electricians, gardeners, janitors, and patrolmen, Buildings and Grounds does everything from keeping the windows clean to planning the Campus of 1960.

Occupying the south side of the ground floor of the Administration Building, the Department receives calls for repairs ranging from the roof of Boardman Hall to a kitchen drain in Martha Van Rensselaer, orders the forty thousand tons of coal used every year to keep Cornellians warm in some one hundred buildings, and keeps the books. From headquarters with its staff of 20, orders go out to some 115 mechanics, 67 janitors, and 62 grounds-men. Besides this, there are 14 men who run the heating plant, four responsible for the electric power supply, four busy in the water filter plant, nine nightwatchmen, and six patrolmen to keep an eye on things. These people are mainly concerned with the day to day maintenance tasks that go on without attracting the eye of the passersby.

At present, the activities of one of the Department's divisions is causing another quite a bit of grief. There were about 1700 students

privileged to park on the University campus. That, says Mr. G. S. Gunn, assistant executive officer of the Campus Patrol, was before all this building started. The first jolt was the loss of the parking area on the hill behind Bailey Hall. 125 drivers were forced to find other space for their cars and, as a result, the other areas became full to the point of confusion. Then, a bit at a time, more space was lost. A contractor's time shack would take up the space for four or five cars. Part of the area behind Rockefeller Hall was lost to some temporary buildings, the space by the toboggan slide sacrificed to work on the Nuclear Physics Lab. "Many a mickle makes a muckle," says Mr. Gunn, "and before we knew it, there were at least four hundred more cars than we had space for." Fighting back, the Campus Patrol is getting a space behind White Hall, in front of James Law Hall, and next to Sage College. Jess Barkell, campus patrolman for 21 years says, "Too many cars, not enough space." Building however, keeps right on

The campus cops' old refrain, "Can't park here."



going and the Campus Patrol keeps right on asking for more space.

Speaking of building, should one do a Rip Van Winkle and return to this campus in twenty years, the Department's Architectural Advisory Council has quite a surprise for him. According to John Peters, one of two permanently employed architects, the council has drawn up

plans for Ezra Cornell's cow pasture that will astound the old grad; no more Old Armory, no more Sage College, gone will be the cottages on East Avenue. In their stead will be an Engineering campus on the site now occupied by the Diesel Lab and the I & LR school; on East Avenue in front of Barton Hall will arise the new School of Hotel Administration in Statler Hall. The stately old "Libe" is due for an addition that will make her just about twice as big as she is, while a new library for the College of Agriculture, to be placed at the east end of its campus, is in something that Mr. Peters calls the cost-estimate stage. In this stage, too, are a new men's dormitory and a women's sports building. There are at least fifteen more architects working on plans for more buildings, says Mr. Peters, but the Department looks on it all as just part of the job, more blueprints and, eventually, more cigarette butts to be swept up.

While most of these large projects are let out by contract to various builders who possess the necessary labor and equipment, the Department still manages to dabble a bit in the construction line on its own hook. Among its accomplishments has been the large Service Building out in East Ithaca that contains many shops, a printing plant and a laundry. Besides this, an addition to the Agricultural Extension Garage and numerous buildings on the outlying university farms are under construction.

All this sort of activity takes money and it takes planning. Hiram Morgan, who is the office supervisor for the Department and can be seen most any day with an accountant's work sheet before him, informs us that \$1,035,942.08 was used by the Department in the last fiscal year, exclusive of the costs of new construction. This sum includes work done for other Departments in the University for which Building and Grounds is reimbursed. All this money must be carefully documented and worked up in a budget

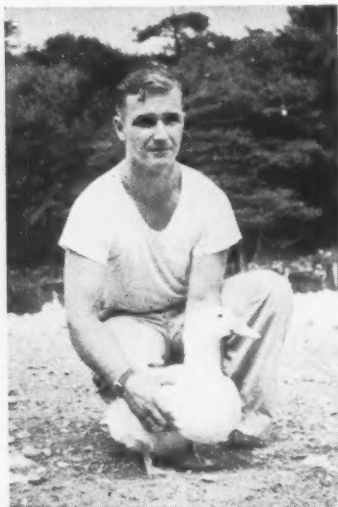
(Continued on page 22)



# Ambassador from Duckland

by Bob Clauson '50

On Long Island, where potatoes are potatoes and ducks are ducks, the password is, "Make a business of it." Bob ("Robbie") Robinson is here at Cornell as a junior to testify that the Robinson family, along with many other Long Island farm families, *has* made a business of raising ducks.



Robbie Robinson and one of the 90,000 ducks on the Carman River Duck Farm.

Clauson

If you were one of the many students on campus this past school year who occasionally joined in a chorus of "Quack, quack, quack" when a certain cheerful fellow joined your group, you probably know Bob Robinson—whether or not you knew why he was so often greeted that way. But the reason would be clear to you if you should visit Bob's home farm, located in Brookhaven, on Long Island's south shore.

## 90,000 Ducks

The farm, known as the Carman River Duck Farm, can house and care for up to ninety thousand ducks at one time. That makes an atmosphere in which there are ducks to the right of you, ducks to the left of you, and ducks everywhere. (By the way, the ducks do the ducking. It is a difficult feat to catch one.)

Typical of large duck farms, the

Carman River Duck Farm is managed very much like an assembly line. Spacious yards of ducks are arranged in order of age so that the ducks ready for the picking house are located next to it when it comes time to end their fattening career. The most efficient arrangement on the farm is their home-made miniature railroad, powered by a Model A Ford motor on a special mounting. Fifty thousand ducks can be fed by three men in an hour as the string of feed cars moves slowly along the track allowing them to shovel the feed on the many feeding platforms placed nearby.

## Self-Sufficient Farm

The farm has its own feed grinding and mixing mill complete with huge storage bins, its own heating plant, ice making machine, and its own battery of large incubators—which gives the Robinsons a feeling that their farm is self-sufficient, and the visitor the idea that *here* is a complete and well-planned business.

The business is continuous—ducklings are hatched every week and as the grown ducks weigh six pounds, they are killed, picked and shipped to market. The picking

house is kept busy every day but Sunday to supply "roast Long Island duckling" to the tables of the Island and the metropolitan area.

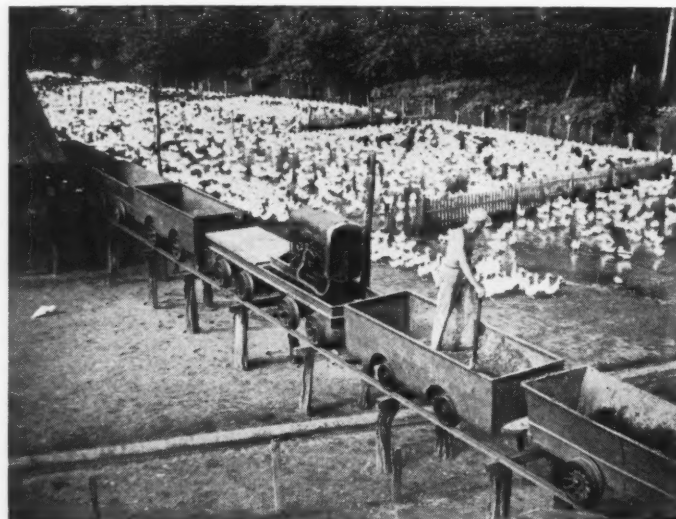
Occasionally Bob decides he wants to get away from the farm (the Long Islanders who don't raise ducks would attribute this to the smell of so many thousands of unroasted ducks) for the weekend. All he has to do is pack his kit bag, roll out his trim little TIM and take off from his own private runway.

This summer Bob flew up to Ithaca, attended his fraternity picnic, and flew back to Brookhaven in the same day. He earned his wings as an Ensign in the Navy.

## Duck King?

Bob is as active on campus with his studies and activities as he is at home raising ducks and flying. He is a member and officer of Alpha Gamma Rho, an active member of Westminster and Vice-president of both Kermis and the Poultry Club.

Bob hasn't said what he will do upon graduation, but we think there will be ducks in his future—maybe the Kingship of Duckland!



Clauson

The Robinson's miniature railroad with which three men can feed 50,000 ducks in one hour. The feed is shoveled out into the different pens by a man standing in the feed car as it moves along, powered by an old model A Ford motor.

# Cornell at Geneva

by George Axinn

"Dear Sir:

In the package which accompanies this letter you will find two apple leaves. As you can see, they have turned partly black. What is wrong with my tree, and what can I do for it?

Sincerely,

Tom Jones"

The woman in the mailing room looked once at the leaves, put them back in the package, and wrote "Plant Path" on it. Then she placed it on a stack of similar letters and packages.

A few hours later a pathologist at the Geneva Experiment station, whose laboratory was right across the street from the mailing room, opened the parcel. He inspected the leaves, identified the disease quickly as "apple scab," and sent the inquirer a booklet telling him what he wanted to know.

This was one of the scores of letters which receive the same consideration daily at the Geneva Station, although the primary function of the institution is research.

## Began in 1882

The first work was begun at Geneva back in 1882, when it was the state's only agricultural research station. Later, after the Cornell Experiment Station at Ithaca had been established, the two were merged, and the Geneva station is now one of the four divisions of the College of Agriculture. Along with the Resident Instruction, Extension, and Research Directors, there is also, under the College Dean, a Director of the New York State Agricultural Experiment Station, Cornell University, Geneva, N. Y.

Although at one time dairy investigations played an important part at the Station, all work there

now deals with fruits and vegetables. This involves not only the culture of these plants, but control of their diseases and insect pests, as well as processing of their crops.

## Pomology Division

The Pomology Division at the Station works on nursery, orchard, and vineyard problems, as well as the breeding of new varieties better adapted to this region, and those which would fit better into our economic scheme. Such well known fruits as the Cortland and Early McIntosh apples, the Stanley Plum, and the Ontario and Golden Muscat grapes, along with dozens of others, were originated at the Geneva Station.

Besides the development of new varieties in the vegetable field, the Vegetable Crops Division at the Station is presently concerned, among other things, with such problems as the spacing of tomato plants, the rate of seeding peas, use of weed killers instead of cultivation in sweet corn, and methods and rates of application of fertilizers. Most of this work concerns species and varieties suitable for canning, freezing, or other processing.

The Entomology and Plant Pathology Divisions are constantly on their toes in keeping up with new insects and diseases, and with new sprays and dusts and methods of application. The airplane and the helicopter figured into the Station's

work last summer, along with the new "spray-duster."

## Seed Investigations

The Division of Seed Investigations does a special service job for the State besides its research work. Here seeds from all over the State are sent for germination, purity, and other tests. Besides the testing of seed for growers, representatives of the State Department of Agriculture and Markets buy up samples of seed on the market which are tested at Geneva to check on the package labels. This is part of the enforcement of the State seed law.

The largest division at the Station, that of Food Science and Technology, is concerned with the problems of processing fruits and vegetables, along with the development of new uses for these crops. The new electronic blancher, the vacuum dryer, new kinds and uses for fruit juices, special wrapping papers for frozen foods, new cleaning and sterilizing compounds, activities of the pectins in tomato products, and the new fruit ices are some of the things this Division is now working on.

Bulletins recording the experimental work are published by the Editorial Division of the Station, which also puts out the quarterly, *Farm Research*, in conjunction with the research people at the college in Ithaca. This division does the public relations, newspaper, radio, and some photographic work of the Station.

The Geneva Experiment Station serves farmers, processors, and others concerned with fruits and vegetables, in an effort to improve the agriculture of the State through exact, scientific research, always with the practical aspects of that work in mind.



# It's the *Powder* That Does It!

"And . . . uh . . . oh, yes, Mr. Stelling, give me a can—a small can—of baking powder. Oh, any kind'll do. You might as well give me the prettiest can you have, so it will look nice on my shelf. I told Jim before I married him that I can't cook, and it's too late to learn—especially anything as complicated as biscuits. But he keeps complaining, says that Johnson's baker must have been an Army cook on a special K-ration assignment. Yes, that red can will do."

And Jane gathered up her packages and left the store.

But should Jane, in her own words a poor cook, have chosen "any kind" of baking powder? Would it have made the difference between her husband's laughter and his praise if her kitchen had been decorated in blue instead of red? Let's look into the facts about baking powder and see.

## Only Three Kinds

The most important thing to remember is that there are *only* three kinds of baking powders. Even if your grocer has 17 different brands on his shelf, inspection will show that each of them falls into one of the three basic variations.

All baking powders are composed of sodium bicarbonate (the hang-over help), a cornstarch filler to prevent caking and some form of acid. It is this acid, or potential acid, that makes the difference. There are in common use: tartaric acid in the tartrate powders, calcium acid phosphate in phosphate baking powder, and a combination of sodium aluminum sulphate and calcium acid phosphate in the alum phosphate powder, known more familiarly as "SAS" or "double-acting."

No memory work is involved in knowing which commercial brand is of which type. Each can of powder states plainly whether it is tartrate, phosphate or double-acting.

## Tartrate Fastest

Liberation of carbon dioxide (the gas which leavens baking powder products) is most quickly accom-

plished by the tartrate powder. As soon as it comes in contact with the liquid ingredients, the reaction starts. Because of its speed, it is best used only by those who know their way around the kitchen—not by Janes who must precede their every motion with a lingering glance at the cook-book.

A residue, Rochelle salt, is left by the powder in the products of even the best cooks. Its salty flavor is not particularly irritating, but to the gourmet, it hides the nutty, flavor that epitomizes the biscuit.

## Phosphate = Moderation

Phosphate powders are in the prosaic middle. Like the wary college girl, they are neither fast nor slow in their actions. Although a considerable amount of the total available leavening gas is liberated during the mixing, a mediocre cook can make at least a mediocre biscuit with them. Their residues do not particularly enhance the finished product, nor do they render it unpalatable. Even in the matter of price they have no distinction. Tartrate powders can be called expensive for what they accomplish. An SAS leavener is the cheapest. A phosphate powder? Oh, in the middle price range.

## Slowpoke, SAS

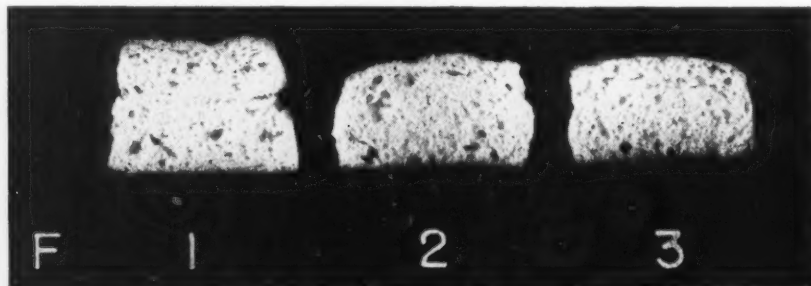
The cheapest, the slowest acting, and to some the most objectionable of commercial baking powders is

the alum phosphate variety. Its carbon dioxide is freed by two reactions. A part of it begins to leaven (or to be lost, depending on the speed of the cook) as soon as liquid is added to the dry ingredients. The larger portion of it, however, waits patiently for the clumsy cook to finish her mauling before the necessary hydrolytic reaction takes place and the biscuits begin to double in volume.

But as in SAS as in Denmark, "there's something rotten"—so say the fastidious reared north of the Mason-Dixon Line. An overdose, often used on the "if a little is good, a lot is better" principle, leaves a rather bitter flavor in the mouths of those who bolt their food without chewing, and a rough feeling on the teeth of those who overindulge. The southern gentleman is not too polite to complain: he was brought up on over-SAS'd biscuits and considers any deviation undesirable.

## For Home Use

For household use, the three types may be said to differ little, except in their speed of reaction, when used in the recommended proportions. Jane, if she wishes her results to be biscuits that have doubled in volume, have level tops and vertical sides, a smooth, even, golden colored crust and a fine texture that can be pulled apart in thin, horizontal sheets, should use the powder that compensates for her slow preparation.



See what a difference the powder makes! These three biscuits were made in one of our own Home Economics testing labs. The same methods and ingredients were used in all, except for the baking powder.

1. Alum-phosphate or double-acting powder
2. Phosphate baking powder
3. Tartrate baking powder



# CLUB NEWS

## \$Scholar\$Ship\$ Awarded

Below is a list of the clubs on the Ag Campus. We have included the officers and meeting times of many of them. For further information, watch your college bulletin boards.

### Ag-Domecon Council

Meeting time to be announced.

Bernard Stanton, President  
Barth Mapes, Vice-president  
Anne Dickinson, Secretary  
Ned Bandler, Treasurer

### Alpha Gamma Rho

Every Monday

Bill Van Ostrand, Noble Ruler  
William Copeland, Vice-Noble Ruler  
Leonard Borden, Secretary

### Alpha Zeta

Every Monday

John B. Dewey, Chancellor

### Bacamia

First and third Tuesday

Lester Davidson, President

### Collegiate FFA

Third Wednesday

Professors W. A. Smith and R. A. Olney, Advisors

### Cornell Countryman

Every afternoon. General meetings every other Monday at 4:45 starting September 29.

Joan Dahlberg, Editor  
Alfred Schwartz, Managing Editor  
John Sterling, Business Manager  
Fred Hein, Circulation Manager

### Cornell Grange

First and third Tuesday

Nat Roe, Master  
Karl Harris, Overseer  
Margery Harris, Lecturer  
Bud Stanton, Secretary

### Dairy Science Association

Joseph Greci, President  
Alice Bissell, Vice-President  
Tom Kimball, Secretary  
Lyndon W. McAdam, Treasurer

### 4-H Extension Club

Second and fourth Wednesday

Abram Relyea, President  
Doug Murray, Vice-president  
Phyllis DuBois, Secretary  
Beverly Pratt, Treasurer

### Home Ec Club

Dorothy Atwater, President  
Nancy Knipe, Vice-president  
Lucy Williams, Secretary  
Mary Britting, Treasurer  
Jeanne Brodeur, Corresponding Secretary

### Floriculture Club

Leland Ives, President  
Greta Adams, Vice-president  
James Chadwick, Secretary  
Pete Kauffman, Treasurer

### Ho-Nun-De-Kah

(Ag honorary)

Joe Fairbanks, President  
William Copeland, Vice-president  
Allen Benton, Secretary  
John Van Zandt, Treasurer

### Kermis

(Ag and Home Ec dramatic club)

Second and fourth Thursday  
Roger Tousey, President  
Robert Robinson, Vice-president  
Ellen Forbes, Secretary  
Andrew Magacs, Treasurer

### Omicron Nu

(Home Ec honorary)

Cornelia Ferrell, President  
Pat Smith, Vice-president  
Rosalie Smolin, Secretary  
Ann Donnelly, Treasurer  
Martha Clark, Editor

### Poultry Club

Howard Rich, President  
Robert Robinson, Vice-president  
Gordon D. Rapp, Secretary  
Carl F. Brown, Treasurer

### Round-Up

Dave Morrow, President  
Bernard Stanton, Vice-president  
Anna Klena, Secretary  
Dave Nagle, Treasurer

### Sears Scholarship Club

Bill DeLarm, President  
Ernest Schaufler, Vice-president  
Henry Watkins, Secretary-Treasurer

### Two-Year Club

Second Monday

Edward Jedrzejek, President  
Martin Vince, Vice-president  
Lorraine Weber, Secretary  
Gilbert Seifer, Treasurer

### Veg Crops

Walter Henry, President  
Mike Wolfe, Secretary-Treasurer

The Office of Resident Instruction of the New York State College of Agriculture has announced that the following students have been awarded scholarships for the 1947-48 school year. We of the Countryman offer our congratulations to these students who have distinguished themselves in scholarship, character and leadership.

### Roberts Scholarship (Full)

James Ivan Borden, Schaghticoke  
Leonard Thomas Borden, Schaghticoke

Joan Dorothea Hall, Mineola  
Paul Irving MacMillan, Palmyra  
Bernard Freeland Stanton, Greenville

### Roberts Scholarship (One-Half)

Walter Baurle, New York City  
Marco Joseph Caraccia, Brooklyn  
Franklyn Pierce Cism, Jr., Beacon  
Lawrence Machlin, New York City  
Jay Duane Wright, Manlius

### Carl E. Ladd Memorial Scholarship Freshmen

William E. Bean, McGraw  
Walter H. Dean, Goshen  
Bradley Eugene Donahoe, Frankfort

John Paul Donnelly, Lounsberry  
Bert S. Morse, Marathon

Lawrence W. Specht, Roscoe

Francis Trerise, Potsdam

### Upperclassmen

Gordon Leroy Conklin, Cuba  
Douglas Leon Murray, DeKalb Junction

David Joseph Nolan, Venice Center

Frank Howard Osterhoudt, Kingston

Robert Leroy Plaisted, Canistota  
Gloria Marie Wilkes, Great Valley

### Hervey S. Hall Scholarship

Martha Shirley Windnagle, Sherrill  
Beatty Agricultural Scholarship

Alice Jane Bissell, Norwich

Mrs. Walter Douglas Scholarship

Julia Lourdes Coyle, Utica

Non-Resident Tuition Scholarship

Ann Christine Colm, Arlington, Va.

Paul Perkins Curtis, Derry, N. H.

Arden Dexter Day, Ithaca

Eystein Einset, Ithaca

(Continued on page 20)

# Introducing . . .



**Sylvia Kilbourne**

She has blue eyes and blonde hair. She hails from Ridgewood, New Jersey. The freshman saw her as one of the Freshman Camp Counsellors. You guessed it! This Home Ec senior is Sylvia Kilbourne, one of the busiest women on the campus.

Sylvia's is an all Cornell family. She says that no one insisted on her coming to Cornell, but she did, and she's never been sorry—it's nicer than she ever thought it could be.

As a freshman she plunged right into campus affairs. Her activities that year included CURW Freshman Club, Women's Glee Club, Octagon Club chorus and Delta Gamma.

In her second year she was a member of both the Willard Straight Tea and Social Committees, co-chairman of the Junior Weekend ticket committee and co-director of the Octagon Club chorus.

Sylvia's importance on campus was recognized last spring when she was elected a member of Omicron Nu and Mortar Board, and when the women on the campus elected her president of WSGA for the coming year.

Training to be a public health nutritionist, Sylvia is registered in both the School of Nutrition and the College of Home Economics. Her main interest is in the practical application of nutrition in community health problems. After graduation in June she plans to earn her Master's degree from the Graduate School of Nutrition.



**John B. Dewey**

Meet John B. Dewey, the well rounded, popular Chancellor of Alpha Zeta. A typical aggie, John, or J.B., as he signs his name, was born and reared on a 300 acre farm between Baldwinsville and Syracuse.

A 4-Her from the time he was ten, you might have seen him showing his Ayrshires at the State Fair one of the thirteen years he was there. He was also a member of the state crops judging team at National Club Congress in Chicago in 1938, became vice-president of the state 4-H council, and in 1939 was selected as one of the outstanding 4-H club boys of the Northeast.

J. B. graduated from Warners High School in 1938 and two years later entered Cornell as an AnHus major for the two year course. Like many others, he served as a G.I., finding his place as a Pharmacist's Mate, Second Class in the Navy for two and one-half years.

Returning to finish up a year ago this fall, he continued his fine record at Cornell. He has been a member of the Ag-Domecon Council, Two Year Club, Grange, 4-H Extension Club, Round-Up Club, and Ho-Nun-De-Kah. Back in 1941, he was champion dairy cattle showman at Cornell and this fall is a member of both of Cornell's inter-collegiate livestock and dairy judging teams.

Despite his high scholastic record and his wide range of activities, John Dewey is just an ordinary guy. Next time you see him, say Hello!—he'll be glad to meet you.



**Martha Clark**

All you upperclassmen know her and it shouldn't take you Frosh long to discover that the curly haired, good looking gal with the nice smile, who seems to be in just about everything on campus is Martha Clark—a Senior in the College of Home Economics.

Lakewood, Ohio can be justly proud of this representative to Cornell who was elected last spring to both Mortar Board and Omicron Nu, either one of which would be sufficient to place her on a Who's Who at Cornell list. At the end of her Sophomore year, Raven and Serpent claimed her and made her the secretary-treasurer for the following year.

Martha doesn't confine her activities to honor societies. This year she will serve the second year of a two-year term on Ag-Domecon Council. As a member of the Council she has served on several committees.

Active on Straight Committees and in CURW, Martha is known as well on the lower campus as she is up here. At the Straight, the Tea Committee is her special favorite and in CURW she was campus chairman last year and is this year the secretary as well as being co-chairman of Freshman Camp and the Freshman Orientation program. To use some of her spare time, she is an active member of the Octagon Club and also one of Delta Gamma's claims to fame.

We won't be at all surprised when Martha Clark becomes famous and we can look back with pride and say, "I knew her when—"

THE CORNELL COUNTRYMAN

## Cornell Host to State 4-H, Candle Ceremony Ends Congress

by Bob Clauson



Bill Copeland

Bill first entered Cornell in September 1942 as a green freshman with a Sears-Roebuck scholarship tucked in one pocket and a 1-A draft card in the other. After completing a year in the College of Agriculture, he enlisted in the Marine Corps Reserve. After having earned a commission as a second lieutenant, he served on Oahu, Truk, Sasebo, Kyushu and in Japan.

On October 10, four days before the fall term of '46 began, Bill grabbed his discharge papers and caught the first train out of the Brooklyn Naval Shipyards for Ithaca.

Back at school again, he swung into an active college routine—that of a good student, vice-president of Alpha Gamma Rho, vice-president of Ho-Nun-De-Kah, secretary of the Sears Scholarship Club, and an active member of Kermis, Westminster Club, Round-Up Club and the Poultry Club. Many of you freshmen have come to know Bill as a counsellor at the Freshman Camp.

This summer Bill worked in Rensselaer County as a 4-H Club summer assistant. He was well qualified, having led 4-H Club work in Washington County for seven years.

Bill still doesn't know what he'll do when he graduates this February, but he says he'll be glad to have a good education behind him and a big list of friends.



Led by Albert Hoefer, State Club Leader, State 4-Hers conclude their Club Congress program with the formal 4-H Club Candle Lighting Ceremony on the Ag Quadrangle.

Cornell University was the scene of New York State's twenty-first Annual 4-H Club Congress as nearly eight hundred 4-H Club members, leaders and agents took over the campus June 28 for a three day session of instruction, meetings and recreation.

Arriving at Cornell after the last gray senior had left and just before the eager summer students returned to their books, the 4-H delegation had the campus to themselves as they took over University dormitories, Willard Straight, the Library, Bailey Hall, Barton Hall and Beebe Lake.

The group met daily in Bailey Hall for programs of instruction given by departments of the Colleges of Agriculture and Home Economics in dairying, crops, conservation, poultry, engineering, leadership, textiles and clothing, food and nutrition, home improvement and recreation leadership.

At the concluding evening session, citations were presented by the New York State Association of County 4-H Club Agents to Albert Hoefer, State 4-H Club Leader, John Lennox, Assistant State 4-H Club Leader, for thirty years of service in 4-H Club work and to E. B. Fuller, Monroe County 4-H Agent, for twenty-five years of service.

The New York State 4-H Club Staff—Albert Hoefer, State Club Leader, F. E. Heinzelman, Iva Mae Gross, D. B. Fales, J. A. Lennox,

and Martha E. Leighton, Assistant State Club Leaders—were in charge of the Club Congress. College specialists and County Club Agents also assisted in the program.

The United States Department of State had movies made of parts of the Club Congress program for the 4-H section of the Cornell Home Economics movie which is to be distributed in forty foreign countries.

◆ ◆ ◆

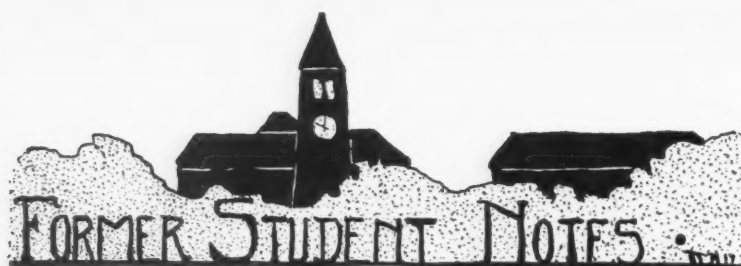
### NEW CONCRETE MIX

A housing research organization recently announced the development of a new type of concrete which absorbs more impact and which should increase the use of hard floors where the fatigue effect of regular concrete is a problem.

This new concrete, which costs about the same as that now in use to mix or lay, and requires no special tools, is made by adding asphalt emulsion to the regular cement. The result is a mixture which absorbs 90% of the impact and is considerably drier and warmer than regular concrete, as evidenced by tests in a calf barn which revealed that it stays within five degrees of the room temperature.

Used experimentally in farm buildings, shops, laboratories, and a small factory, the new flooring has stood up well. Scientific tests have proved that its wear resistance is about equal to that of maple flooring.





1947

*Jane Coolican* has begun her duties with the Oneida County Extension Service.

*Jean Boyd* is assistant director in charge of the cafeteria at Spelman Hall, Y.M.C.A., New York City. Her address is 607 Hudson Street, New York City 14.

*Russell C. Hodnett* became the Assistant County Agricultural Agent in Montgomery County March 1. He is living at 5 East Montgomery Street, Johnstown.

*Jo Ann Taylor* and *A. Wright Gibson, Jr.* (Hotel '42) were married June 9 in Cornell's Sage Chapel.

*Carl Almquist* is Assistant Farm Bureau Agent in Jefferson County.

1946

*Dorothy O'Donnell* is Assistant Home Demonstration Agent in Mercer County, New Jersey. Her headquarters are in Trenton. Miss O'Donnell received her discharge from the U. S. Marine Corps last January. Mail may be sent to her at Box 68, Salem.

*Walter Boek*, former editor of the *Countryman*, has been doing graduate work in rural sociology and agricultural journalism at Michigan



Jean K. Boek

State College. His wife, *Jean Krumwiede Boek*, former assistant business manager of the *Countryman*, has been doing graduate work in education at the same school.

1945

*Carol Usher* is now working in the Chatauqua County Home Bureau office.

1944

*H. Frederick Tripp* has been teaching vocational agriculture at Schoharie Central School since July 1, 1946.

1940

*Stanley B. Seacord*, having returned from service in the armed forces over a year ago, is working the family farm in Montgomery, New York.

1935

*H. D. Wells*, of 134 Main Street, Riverhead, Long Island is employed by the Farm Bureau Federation of Suffolk County.

*John D. Merchant*, past Noble Ruler of Alpha Gamma Rho fraternity and former associate editor of the *Countryman*, is now County 4-H Club Agent of Greene County. This year marked his tenth year in the extension service. He is a licensed poultry judge of national fame. Mr. Merchant has three children. The family lives at 203 Broome Street, Catskill, New York.

1938

*Tom W. Albright* is operating his own farm in Athens, New York.

1931

*Wilbur F. Pease*, past managing editor and acting editor-in-chief of the *Countryman*, is living in Riverhead, Long Island. He has been the Suffolk County 4-H Club Agent since 1943. Before that, Mr. Pease taught vocational agriculture in Wyoming County where he was also County 4-H Club Agent. He has two daughters.

## 13 Undergrads Are Summer Assistants

On July 1, 1947, 13 undergraduates of the Colleges of Agriculture and Home Economics were appointed to work in counties throughout the state as summer assistants in 4-H Club work. These students were selected from those who are, or may be, interested in 4-H Club work as a vocation.

Those who assisted in the field of home economics were: Helen Sorhus, '49, Beverly Pratt, '48, and Phyllis DuBois, '48. The College of Agriculture was represented by: William Cheney, '51, Robert Clauson, '50, William Copeland, '48, James Egan, '50, David Huntington, '46, Colbert LeMunyan, '50 and Richard Swift, '49.

The appointments were announced at the opening session of the New York State Extension Service Training School for New Appointees, held June 30 through July 3. The school was for new appointees in 4-H, Home Bureau and Farm Bureau work.

This, the first joint training school for all three of the extension services, included 23 County Agricultural Agents, and 34 Home Demonstration Agents among its 81 pupils.

♦ ♦ ♦

1927

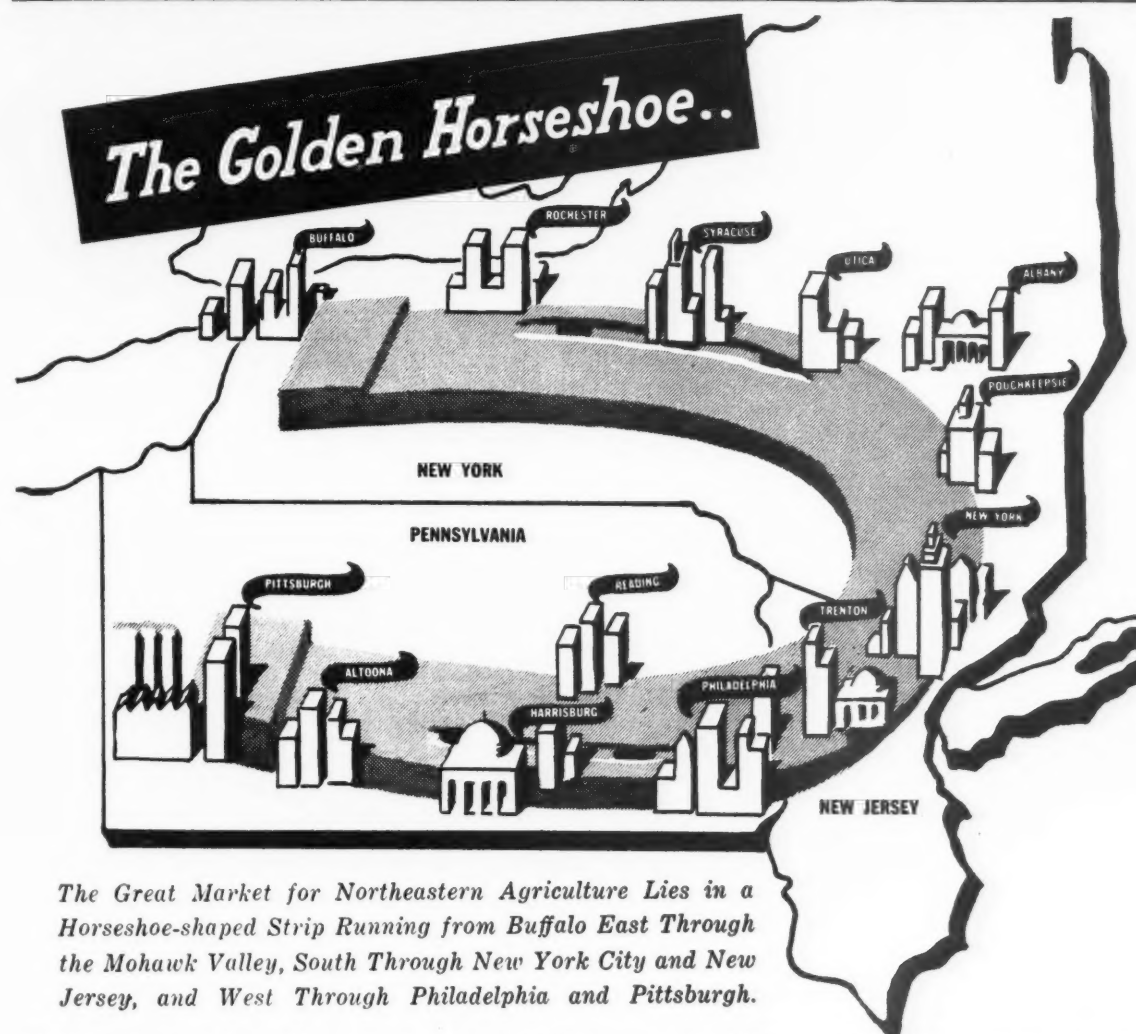
*Dan Dalrymple* is now Secretary of the New York State Horticultural Society. In addition to operating a large fruit farm near Lockport, New York, he has been Farm Bureau Agent in Niagara County for over ten years.

1916

*J. C. Corwith* has been operating a large potato farm at Water Mill, Long Island since his graduation from the College of Agriculture. His son, Richard, is now in his second year at Cornell. Both are members of Alpha Gamma Rho.

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**FREE** ILLUSTRATED HOLSTEIN JUDGING MANUAL. WRITE  
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*The Great Market for Northeastern Agriculture Lies in a Horseshoe-shaped Strip Running from Buffalo East Through the Mohawk Valley, South Through New York City and New Jersey, and West Through Philadelphia and Pittsburgh.*

IN the three states of New York, Pennsylvania and New Jersey, there live approximately 28-million people, a fifth of the total population of the country. Of these 28-million people, only a million and three-quarters, or about 6 per cent, are engaged in farming. The thing to note is the high concentration of people in a relatively small area of the country and the fact that so large a percentage of them are buyers of food rather than producers.

#### **A Common Bond**

This market is a great common bond, binding all the agricultural interests of the three states together. Furnishing these people with high-quality food . . . dairy products; poultry products; fruits and vegetables, fresh, canned and frozen . . . is the job of Northeastern farms.

To produce these high-quality foods Northeastern farmers need basic raw materials which they cannot produce on their own farms . . . known-origin seed supplemental grains, protein

meals, fertilizers, sprays and dusts and hundreds of other farm supplies that are used here in the Northeast to produce milk and eggs, fruits and vegetables.

#### **Facilities To Do The Job**

In G.L.F. Northeastern farmers have built a system of facilities to provide themselves with these basic raw materials which they must have in order to produce the foods which they supply the consumers in the "Golden Horseshoe." These farmer-owned and farmer-controlled facilities insure the Northeastern farmers a dependable source of high-quality farm supplies.

Likewise, Northeastern farmers benefit from the marketing facilities in their cooperative which handle many of their farm products . . . eggs, grain, canning crops, dry beans and fresh produce . . . on their way from farms in this section to the consumers who live in the "Golden Horseshoe."

**GLF**

COOPERATIVE G.L.F. EXCHANGE, INC.—The cooperative owned and controlled by the farmers it serves in New York, New Jersey, and northern Pennsylvania—

OFFICES, TERRACE HILL, ITHACA, N. Y.

# Ancient Plants

*and the World They Lived In*

HENRY N. ANDREWS, Jr.

*Paleobotanist to the Missouri Botanical Garden,  
Associate Professor, Washington University*

WITH DRAWINGS BY ANNA SCHUTTE

*A readable, popular account* of the plants of the past, for laymen and students. A clearcut explanation of how plants become fossilized and a chapter on the elements of living plant anatomy are designed to bridge the gap between geology and botany.

The reader is introduced first to familiar plant groups, then to those less familiar. Relationships between modern and ancient flora are pointed out, emphasizing fossil plants of North America. Important recent contributions to the field are woven into the various chapters.

*New information* appears in the chapters on *Pines* and *Changing Climates of the Pacific*—published here for the first time. Also included is a resumé of the science of paleobotany, with new contributions to this field.

*Illustrated* with over 160 drawings and photographs, specially created to show the relationships of living plants to those of the past.

288 pages \$4.50

Comstock Publishing Company, Inc.

*Associated with Cornell University Press*

ITHACA, NEW YORK

## Scholarships

(Continued from page 15)

John Williams Mellor, Springfield, Vt.

*George Lamont Scholarship*

Gerald Gibbs, Albion

Irving Smith, Medina

*New York State Bankers' 4-H Club Scholarship*

George Bull, Jr., Homer

*Esso 4-H Club Scholarship*

Joseph Franklin Bryant, Salamanca

LaVerne Sidney Dann, Tunnel

*Robert M. Adams 4-H Memorial Scholarship*

Maurice Edward Mix, Huevelton

*Sears-Roebuck Agricultural*

*Foundation Scholarship*

Freshmen

Berkely David Briggs, Deposit

Peter Sanford Clark, Ballston Spa

Robert James Williams, Delevan

James Wilson Eggert, Westfield

Charles A. Hennrich, Williamsville

Lou's Melvin Howie, Hilton

Donald Charles Huntington, Westford

John Crosier Ledgerwood, Hall

Howard Lilly, Belmont

John Marshall Metz, Clarence Center

William Alburton Noble, Norwich

Paul Herman Pelham, Montour Falls

Orrin Bowen Ross, Lowville

Robert Clinton Wheeler, Newport

Edward Peter Winnick, Candor

Sophomore

George Allhusen, Clintondale

*Cladakis Scholarship*

Danny Schlomchug, Long Island City

Harry K. Schwarzweller, Brooklyn

*Borden and Alumni Prize*

Ruth Adler

*A Z Cup*

Frederich Leugeman

◆ ◆ ◆

Once there was a farmer who told his two sons that a job well planned is half done. One day before going away for a few days he told his boys to put up a new fence. When the old farmer returned he asked his sons, "How did you get along with that new fence?"

"It's half done," they replied.

The farmer went out to look at the new fence, and when he found that there was no fence there he was furious. The boys explained that they had it all planned out, and that planning was half the job.

THE CORNELL COUNTRYMAN



## Frozen Lunches Give Variety

The ten o'clock scholar who forgot his lunch may soon be replaced by the one who forgot to put it out to thaw.

Dr. Faith Fenton, who has been conducting research on frozen foods in the College of Home Economics and School of Nutrition at Cornell, has found that a package of two half-sandwiches will thaw at room temperature in from three to three and one-half hours. This means, Miss Fenton explains, that it will thaw in time for the school child's lunch. And as needed for the late pupil, she found the time may be cut in half by placing the sandwich in front of a fan. His only penalty may be a slightly dried upper crust.

Nor will the child want to forget his lunch when he can have variety every day. Miss Fenton states, "You don't have to finish one jar of sandwich filler before you start another, freeze it in sandwiches."

Mother, too, will save time, labor, and expense, according to the research expert, since two weeks' sandwiches can be put up in "mass production."

Sandwich fillings, as Miss Fenton indicates in her Cornell extension bulletin "Foods From The Freezer: Precooked or Prepared," suitable for freezing are cheddar or cream cheese, sliced or ground meat or poultry, fish, and cooked egg yolk.

She advises that fresh greens in sandwiches do not freeze well. Crispness may be obtained by packing celery, lettuce or other greens with the lunch. Mayonnaise, she warns, separates and soaks into the bread upon freezing.

A stranger from the city, who was traveling on a train on a one-track railroad in the hills of Arkansas, was somewhat surprised when he learned that first-class, second-class, and third-class passengers were all riding in the same car. He was about to question the conductor, when the train came to a steep hill and the conductor announced, "First-class passengers remain in your seats. Second-class passengers get out and walk. Third-class passengers get out and push."

OCTOBER, 1947

## STUDENTS!!!

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### HERE'S WHAT YOU GET FOR \$14.40

4 Football Games .....	\$13.20
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2-150 lb. Football Games .....	1.20
1 Freshman Football Game .....	.60
13 Basketball Games .....	15.60
2 Indoor Track Meets .....	2.00
2 Outdoor Track Meets .....	1.20
4 Wrestling Meets .....	2.40
9 Baseball Games .....	5.40
	<b>\$45.20</b>

### Now On Sale

Schoellkopf Hall

Willard Straight Hall

**Students must present their registration cards at time of purchase.**

**Opening Home Game — Lehigh  
2 P. M. Saturday**

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LACES — POLISHES — LEATHER GOODS  
RUBBERS and OVERSHOES OF ALL KINDS

401 Eddy St.

Near Campus Gate

**We, of the Cornell Countryman staff, would like to announce that we have openings for staff positions. Register for Fall Competitions at the Countryman Office, Roberts Hall, 4th Floor, between Sept. 30 and October 10.**

# **Mr. Cornell's . . .**

*(Continued from page 11)*

to the satisfaction of the Board of Trustees. Besides the Board, the state legislature must approve and appropriate money to be used in the maintenance of the Upper Campus. For special purposes, like the buildings now going up, monies are specifically and additionally supplied.

While the Department is anxious to get going as soon as possible on the Campus Development Program, Mr. Peters explained that the main obstacle to progress is the high cost of labor and material. "There's no use in paying \$1,500,000 for a job," he said, "that's worth only \$750,000." It would seem that the Department is on a buyer's strike.

Nevertheless, when your children walk past the I & LR School diagonally across from Olin Hall and proceed to the Men's Sports Building on Lower Alumni Field, it will be the Department of Buildings and Grounds that put them there and it will still be the Department that supplies the chalk for the blackboards.

## **THE HILL DRUG STORE**

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Corner of College and Dryden  
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Handy meeting place between classes

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# The League Takes the Lead .....

... says Clyde Cotterill, a young  
farmer from Dryden, New York

"THE LEAGUE takes the lead when it comes to benefiting the dairy farmer," says Clyde Cotterill a young League member from Dryden, New York. "The 27,000 members of the League united for a single cause in a milkshed-wide organization, can get results that no individual farmer or local organization can obtain."

Clyde Cotterill at 20 is a leader, too. He is president of the Young Co-operators in Tompkins, Seneca, and Yates Counties. At the 1947 Cortland County 4-H Club Cattle Show he won first in Showmanship and had the Grand Champion animal in the show. He and his father and three brothers run the home farm on a partnership basis. Together they care for over 100 head of dairy cattle.

As Clyde says: "No individual farmer nor any group of farmers less than a milkshed-wide organization could do what the League does."

## Here's What 27,000 Dairy Farmers Banded Together in the League Can Do:

- 1 Influence state and federal action in the interest of producers.
- 2 Insure a market for their milk every day in the year through the ownership of milk-handling facilities.
- 3 Develop new products, new marketing techniques, and new markets that protect the dairy farmers' future.
- 4 Maintain sound public relations to increase the demand for milk, and present farmers' problems to the people who buy their products.



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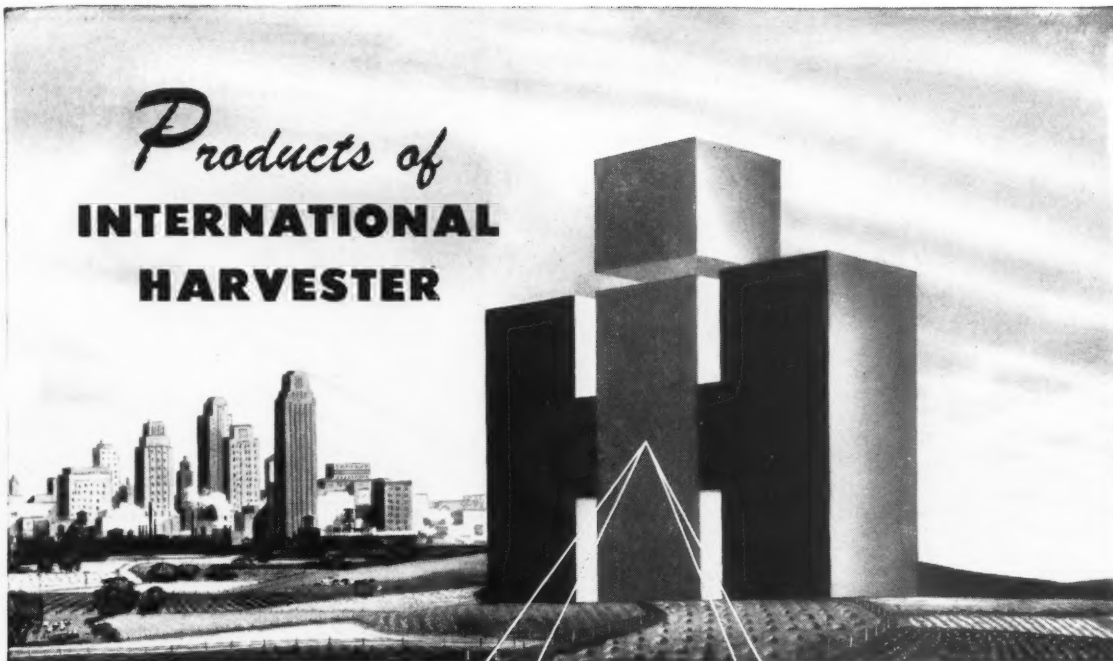
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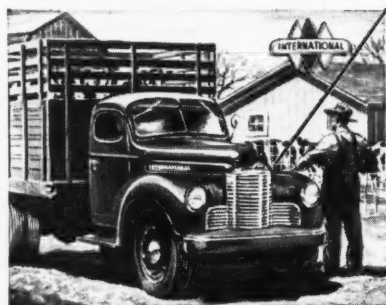
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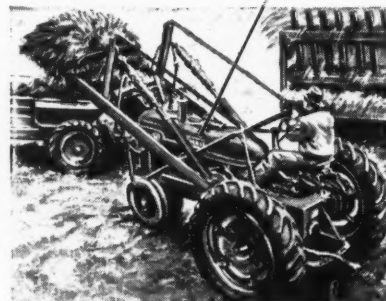
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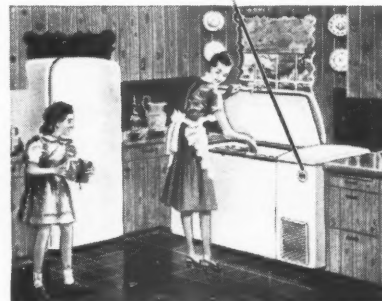
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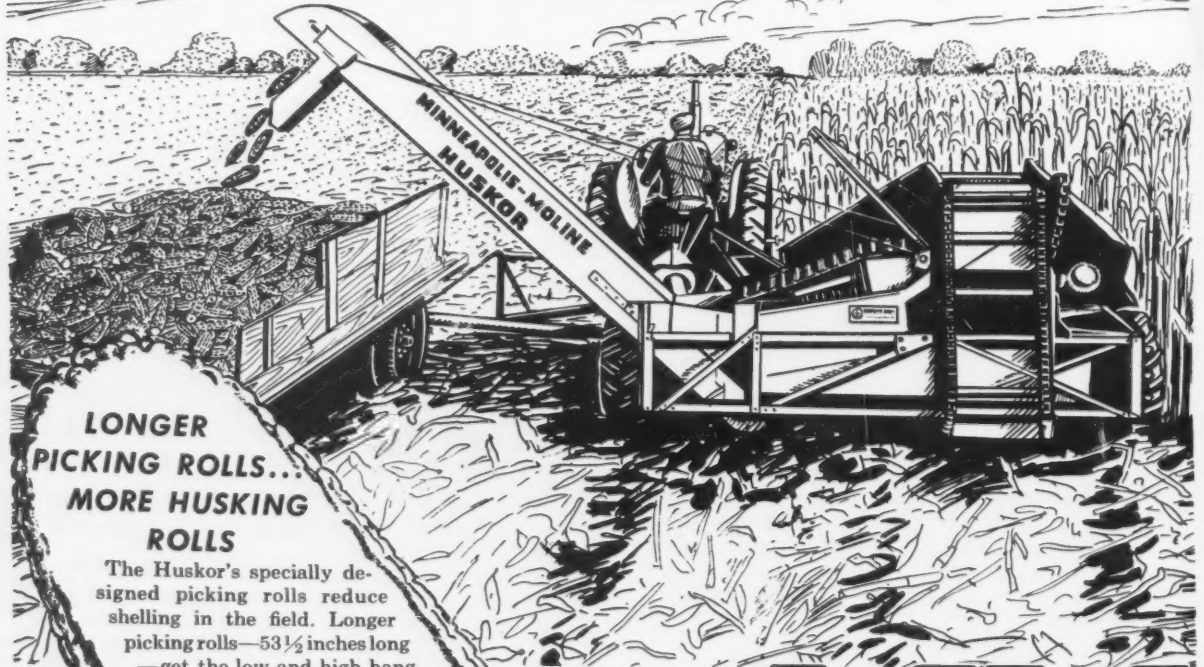
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Safety release clutches, lighter draft, exclusive cleaning fan and convenient operation are important features, but the outstanding feature is that the Huskor is built to get *all the crop* . . . and Huskor owners and operators know that it does just that!

